



**Unclassified**

# **COE Production Engineering Status**

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**5 April 2002**

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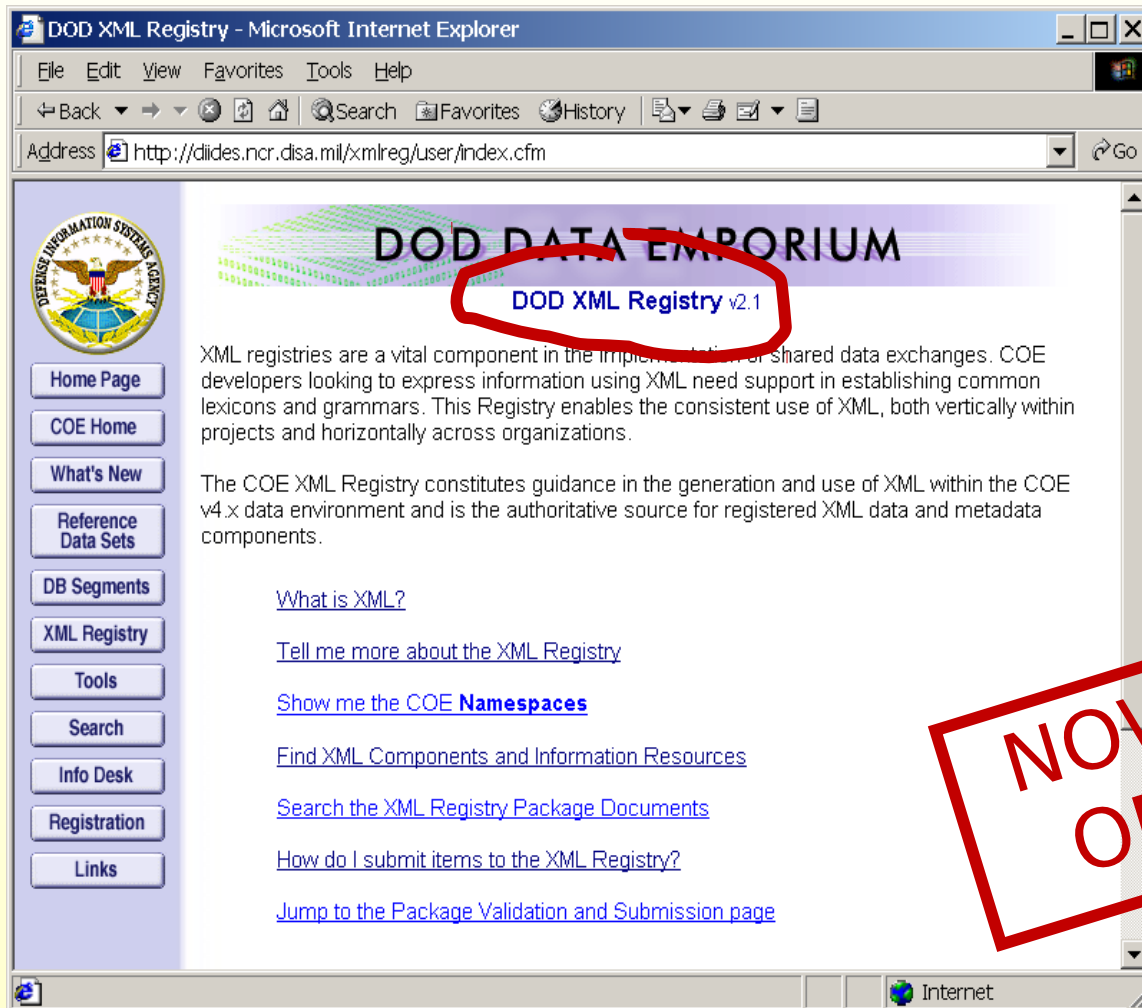
# The “C3I Link” Vision



- 1. Meet in the SIPRNET “Marketplace”**
- 2. *Integrate* Intelink-S with C3 Pub-Sub**
- 3. One-stop Web Shopping for JTF**



# *DOD Data Emporium* *Including XML Registry*



**Enables  
submission  
and retrieval of:**

- **XML components**
- **Reference data sets**
- **Database segments**

**NOW AVAILABLE  
ON SIPRNET!!**

**http://diides.ncr.disa.smi  
mil**

**Call Toni Weir for More Info  
(703) 882-1366**



# Tiger Team Support

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- **Kernel Patch Segment, Developer's Toolkit and NIS+ Admin Tool for 4.2.0.0P7**
  - Betas posted 15 and 29 March
  - Corrected beta posted 3 April
  - Final delivery TBD, based on Tiger Team direction
- **Tiger Team Engineering Drop**
  - icsf4500P2drop11 and XISMI4.5.0.2drop11 posted on the SPAWAR ftp server 1 April



# COE Release 4.6 (1)

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- **Schedule is still TBD based on whether ICSF/XIS and related mission applications move to Java 1.4**
  - **ICSF/XIS developers are doing port and providing lessons learned**
  - **Tiger Team is doing analysis of differences between versions to help mission application developers estimate effort required**
  - **Analysis due to COE Engineering 12 April**
- **30 Apr Final Java 1.3 Tiger Team delivery**



# COE Release 4.6 (2)

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- **If decision is made to move to Java 1.4, tentative dates are:**
  - 1 May Java 1.4 ICSF/XIS delivered for testing**
  - 24 May Java 1.4 ICSF/XIS formally delivered for COE 4.6**
  - 31 May 4.6 on DADS for Win2K/Sol8**
  - 21 Jun 4.6 CDs for Win2K/Sol8**
  - 3 Jul 4.6 on DADS for WinNT/Sol 7/HP-UX 11.0**
  - 18 Jul 4.6 CDs for WinNT/Sol 7/HP-UX 11.0**



# **COE Release 4.7**

## **Considerations**

- **Tentative 4.6 release dates are 21 June and 18 July**
  - **Customer developers need time to integrate and test before receiving another major release**
- **Current ICSF contract ends 28 Feb 2003**
  - **ICSF developer needs time to develop the 4.5.1.0 feature release (planned 5 December delivery) and needs to be on contract long enough to provide fixes**
  - **ICSF 4.5.1.0 content will be negotiated by 15 May and agreed-upon content list will be briefed at the June AOG**



# COE Release 4.7 Proposal

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- **4.7 release scheduled for February 2003**
  - **In-depth functional testing will take place during December and January**
  - **Contents include kernel 4.2.0.8 and 4.2.0.0P8 and ICSF 4.5.1.0 and 4.5.0.0Px**





# OS Support Issues (1)

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- **Solaris patch 109322-07, which is included in SOLPTH 4.4.2.0, will cause problems on systems with Solaris 8 02/02 loaded.**
  - **Sun knows about this problem (Bug ID 4528523)**
  - **SOLPTH 4.4.4.0, which is in development, will work on the 02/02 OS**
- **Other patches (109320-04 and 110951-02) have caused problems on specific hardware**
  - **They will not be included in SOLPTH 4.4.4.0**



# OS Support Issues (2)

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- **COE Engineering is working with Sun to understand and resolve patch issues**
- **Developers and integrators need to test OS patches and patch segments on each type of hardware prior to general loading**



# OS Support Issues (3)

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- **Per Sun,**
  - **Solaris 8 02/02 is the last Solaris 8 update**
  - **In June, Solaris 9 will be released, Solaris 8 will move to maintenance mode, and Solaris 7 will begin the end-of-life process**
  - **Starting September 2002, Solaris 2.5.1 will no longer be supported and will be patched only on a time-and-materials basis**
- **COE will move its testing baseline to Solaris 8 02/02 for COE release 4.7**
- **AOG discussion item: Can we drop support for Solaris 7?**



# **Netscape/iPlanet Enterprise License**

- **As of 15 March 2002, the DoD enterprise license is with AOL-SBS, not Sun/iPlanet**
- **Customers can continue to use software obtained under the earlier license**
  - **If using Portal Server, contact the vendor, since support ends 15 June 2002**
- **Future COE component segments will contain Netscape, not iPlanet, products**
- **Details available at**
  - <http://dii-sw.ncr.disa.mil/Del/netlic.html>
  - <http://enterprise.netscape.com/>
  - [http://www.iplanet.com/about\\_us/features/alliance\\_end\\_5\\_2\\_1\\_031502.html](http://www.iplanet.com/about_us/features/alliance_end_5_2_1_031502.html)



# **Proposed COTS Segment Support (1)**

- **If a COTS product on the 3.x baseline has a critical security vulnerability, the corresponding segments will be marked “OBE” and removed from the COE**
  - **Customers can continue to use the software, but it will no longer be available for download**
- **On the 4.x baseline, the COE will move forward to the latest supported version**



# **Proposed COTS Segment Support (2)**

- **At the 3 April CDR for Apache, Tomcat, and J2SDK, the developers briefed that they planned to deliver for Windows NT, Windows 2000, Solaris 7, Solaris 8, and HP-UX 11.0**
- **Since resources are limited, the COE Engineering Office wants to minimize the amount of software delivered unless there is demonstrated customer demand**



# **Proposed COTS Segment Support (3)**

- **Proposed policy: New products will be added to the baseline only for Windows 2000 and Solaris 8 unless customers present a strong justification**
  - **No new products will be added to the baseline for Windows NT**
  - **HP-UX 11.0 segments will be delivered only if customers show a plan for fielding them**
  - **Solaris 7 segments will be delivered only if customers request them and justify why they cannot use Solaris 8**



# Java End-of-life Policy (1)

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- **<http://java.sun.com/products/archive/eol.policy.html> describes the policy**
- **<http://java.sun.com/products/archive/> lists the end-of-lifed versions**
- **1.3.1\_02, 1.2.2\_010, 1.1.8\_008 are the most current archived versions**
- **COE Engineering will look at developing guidance on how to best develop applications to minimize problems when porting between versions**





# Java End-of-life Policy (2)

- **Major Product Family Release (x.x.0)**
  - Java technology policy is to support the current shipping version of Java 2 Standard Edition plus two back versions.
  - Once the End-of-Life process starts on a major product family release, a notice will be posted on all relevant download pages stating that the product has entered the EOL process and how long the process will continue until the product is no longer supported by Sun. Note that customers may procure specific support entitlements to provide product support beyond the stated EOL period.
  - Once EOL has been announced on a major product family, Sun will provide support for a subsequent 1.5 year period.



# Java End-of-life Policy (3)

- **Minor Product Release (x.x.y)**
  - Once the End-of-Life process starts on a minor product family release, a notice will be posted on all relevant download pages stating that the product has entered the EOL process and how long the process will continue until the product is no longer supported by Sun. Note that customers may procure specific support entitlements to provide product support beyond the stated EOL period.
  - Once EOL has been announced on a minor product family, Sun will provide support (including product updates, e.g. 1.3.0\_0x) for a subsequent 6 month period.



# Java End-of-life Policy (4)

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- **Update Releases (x.x.x\_y)**

- An update release is generally produced quarterly for current Java technology major product family releases.
- Since this an update to a major product, the update itself does not have a separate EOL period.
- Once a new update is issued, the options are:
  - The new update will become the alternate download and if there was a previous alternate download, that version will immediately migrate to the EOL and Product Archive page for historical purposes and to allow developers to resolve issues with unsupported EOLd products. The displaced update is no longer supported by Sun
  - A new update release may become the default release and if so, it will immediately displace the old default downloads to the EOL and Archive Page.



# **COP 101**

## **17 May 2002**

- **Half-day overview of the design of the Common Operational Picture covering:**
  - **3.x to 4.x Design Changes**
  - **3.x to 4.x Interoperability**
  - **Web COP and the COE Community Process**
- **Intended audience is program and project managers, not developers**
- **Location in Northern Virginia TBD**
- **AOG representatives should notify COE Engineering of their Service/Agency interest in attending NLT 15 April**